

IN THE CLAIMS:

1. (Currently Amended) A device comprising:

an interface adapted to receive a signal carrying ~~a digital broadcast~~ an internet protocol datacast from a digital video broadcasting network received via an antenna;
and

a loop or coil configured to couple inductively with a corresponding loop or coil included ~~in the~~ in a mobile terminal so as to transmit the signal to the mobile terminal,

the device adapted to convey signals unidirectionally from the interface to the mobile terminal.

2. (Previously Presented) A device according to claim 1, further comprising:

an amplifier adapted to amplify the signal.

3. (Previously Presented) A device according to claim 2, wherein:

said amplifier is adapted to be powered by the mobile terminal.

4. (Previously Presented) A device according to claim 2, wherein:

said amplifier adapted to be controlled by the mobile terminal.

5. (Previously Presented) A device according to claim 4, wherein:

said amplifier is adapted to intermittently operate under control of the mobile terminal.

6. (Previously Presented) A device according to claim 2, comprising:

a detector adapted to determine a position of the mobile terminal; and

a controller adapted to control operation of said amplifier in dependence upon the position of the mobile terminal.

7. (Previously Presented) A device according to claim 6, wherein:

the detector comprises a switch to determine whether the mobile terminal is attached to the extension device.

8. (Previously Presented) A device according to claim 6, wherein:

the detector comprises a sensor adapted to determine whether the mobile terminal is located within a predetermined distance of the extension device.

9. (Previously Presented) A device according to claim 6, wherein:

the controller is adapted to cause the amplifier to reduce gain when the mobile terminal is in a given position.

10. (Previously Presented) A device according to claim 6, wherein:

the controller is adapted to cause the amplifier to be by-passed when the mobile terminal is in a given position.

11. (Previously Presented) A device according to claim 6, comprising:

an antenna for receiving an amplified signal from the amplifier and radiatively transmitting the amplified signal to the mobile terminal; wherein

the controller is adapted to cause the signal to be routed to the loop or coil when the mobile terminal is in a given position and to be routed to the amplifier when not.

12. (Previously Presented) A device according to claim 1, further comprising:

a filter adapted to obtain said signal from at least one other signal.

13. (Previously Presented) A device according to claim 1, comprising:

input for receiving power from an external source; and

a path adapted to deliver power to the mobile terminal to permit recharging of a rechargeable battery included in the mobile terminal.

14. (Previously Presented) A device according to claim 1, wherein the loop or coil is a loop and the loop is arranged substantially around a perimeter of a face of the

device.

15. (Previously Presented) A device according to claim 1, wherein the loop or coil has an area of between 10 and 50cm².

16. (Previously Presented) A device according to claim 1, which is adapted to be placed on a piece of furniture.

17. (Previously Presented) A device according to claim 1, further comprising:
an antenna mounted on a roof or to an externally facing side of an external wall of a building.

18. (Currently Amended) Device comprising:
means for receiving a signal carrying a ~~digital broadcast~~internet protocol datacast from a digital video broadcasting network received via an antenna; and
inductive coupling means configured to couple inductively with a corresponding inductive coupling means included in a mobile terminal so as to transmit the signal to the mobile terminal,
the device adapted to convey signals unidirectionally from the interface to the mobile terminal.

19. (Previously Presented) Apparatus comprising:
device according to claim 1; and
a mobile terminal including a loop or coil for receiving the signal from the device.

20. (Previously Presented) Apparatus according to claim 19, wherein the device further comprises an amplifier arranged to amplify the signal.

21. (Previously Presented) Apparatus according to claim 20, wherein the mobile terminal is configured to cause said amplifier to operate when reception of a time slice is expected.

22. (Currently Amended) A method comprising:
- receiving a signal carrying ~~a digital broadcast~~ an internet protocol datacast from a digital video broadcasting network; and
 - providing said signal to a loop or coil configured to couple inductively with a corresponding loop or coil included in a mobile terminal so as to transmit the signal to the mobile terminal,
 - the method comprising conveying signals unidirectionally from the interface to the mobile terminal.
23. (Previously Presented) A method according to claim 22, further comprising:
- amplifying the signal.
24. (Previously Presented) A method according to claim 22, further comprising
- intermittently operating an amplifier adapted to amplify the signal under the control of the mobile terminal.
25. (Previously Presented) A method according to claim 22, further comprising:
- detecting a position of the mobile terminal; and
 - controlling operation of an amplifier in dependence upon the position of the mobile terminal.
26. (Previously Presented) A method according to claim 25, comprising:
- detecting whether the mobile terminal is attached to the extension device.
27. (Previously Presented) A method according to claim 25, comprising:
- sensing whether the mobile terminal is attached to the extension device.
28. (Previously Presented) A method according to claim 25, comprising:
- reducing gain when the mobile terminal is in a given position.
29. (Previously Presented) A method according to claim 25, wherein:

by-passing the amplifier when the mobile terminal is in a given position.

30. (Previously Presented) A method according to claim 22, comprising:
 routing the signal to the loop or coil when the mobile terminal is within a given range;
 routing the signal to an amplifier when the mobile terminal is outside the given range.
31. (Previously Presented) A method according to claim 30, comprising:
 radiatively transmitting an amplified signal output from the amplifier.
32. (Previously Presented) A device according to claim 1, wherein the digital video broadcasting network conforms to an Advanced Television systems Committee standard.
33. (Previously Presented) A device according to claim 1, wherein the digital video broadcasting network conforms to a Digital Video Broadcasting standard.
34. (Previously Presented) A device according to claim 1, further comprising:
 a coaxial cable connected to the device.
35. (Previously Presented) A device according to claim 34, wherein the loop or coil is impedance matched to the coaxial cable.
36. (Previously Presented) A device according to claim 1, wherein the loop or coil is a loop and the loop is configured to be substantially parallel to a corresponding loop in a mobile terminal.
37. (Previously Presented) A device according to claim 1, wherein the loop or coil is configured to be coaxial with a corresponding loop or coil in a mobile terminal.

38. (Previously Presented) A device according to claim 2, wherein the amplifier is a wideband ultra high frequency low noise amplifier.